notes

1.
```
docker run -idt --name httpd1 -p 45:80 httpd
```

2. d23e9a6ba8c0   httpd   "httpd-foreground"   40 hours ago   Up About an hour   0.0.0.0:45->80/tcp, :::45->80/tcp   httpd1
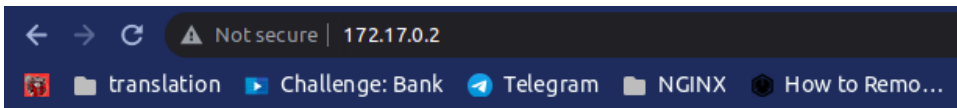
2. command 'docker inspect httpd1'   > gives you ipaddress: 172.17.0.2

4. if i enter to httpd1 form browser there are two methods
   1. ip_container:80   ==> 172.17.0.2:80
   2. 0.0.0.0:45 or localhost:45

← → C ⚠ Not secure | 172.17.0.2

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It works!

docker run -itd --nan

docker inspect httpd1

docker exec -it httpd

← → C ⚠ Not secure | 0.0.0.0:45

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It works!

docker run -itd --name httpd1 -p 45:80 httpd

docker inspect httpd1

```
  GNU nano 5.4                                      /etc/hosts

127.0.0.1         localhost
127.0.1.1         mahney-Inspiron-5567

127.0.0.1   reverseproxywebsite.com   www.reverseproxywebsite.com

# load blancing using nginx1 and containers [httpd1 and ghost1]
172.17.0.4 loadblancingserver.com


172.17.0.2   httpd1server.com
172.17.0.3   ghost1server.com


# The following lines are desirable for IPv6 capable hosts
::1     ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
```

explained in next page

notes

1.
$ docker run -itd --name ghost1 -e url=http://localhost:3002 -p 3002:2368 ghost

2.
2f0cb8ae87b5 ghost   "docker-entrypoint.s…" 44 hours ago Up 2 hours 0.0.0.0:3002->2368/tcp, :::3002->2368/tcp   ghost1
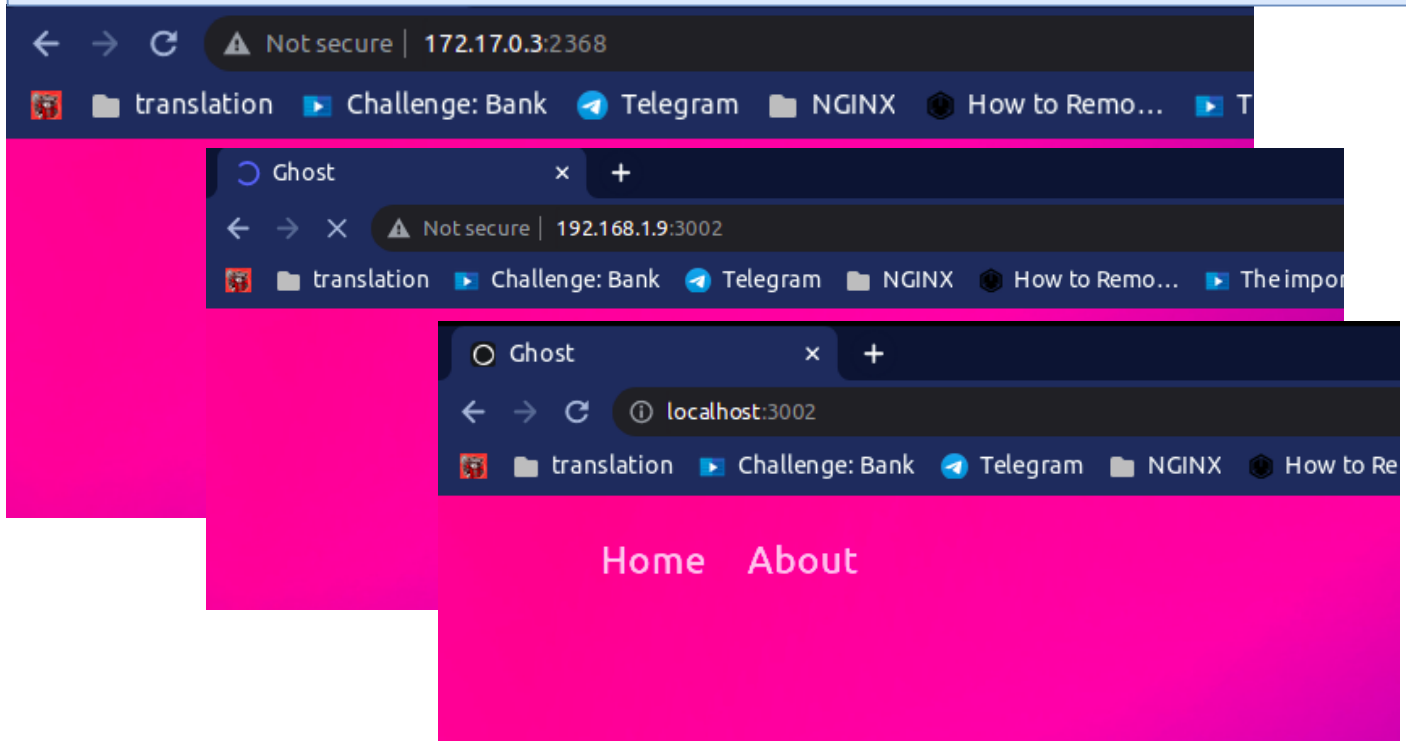
2.
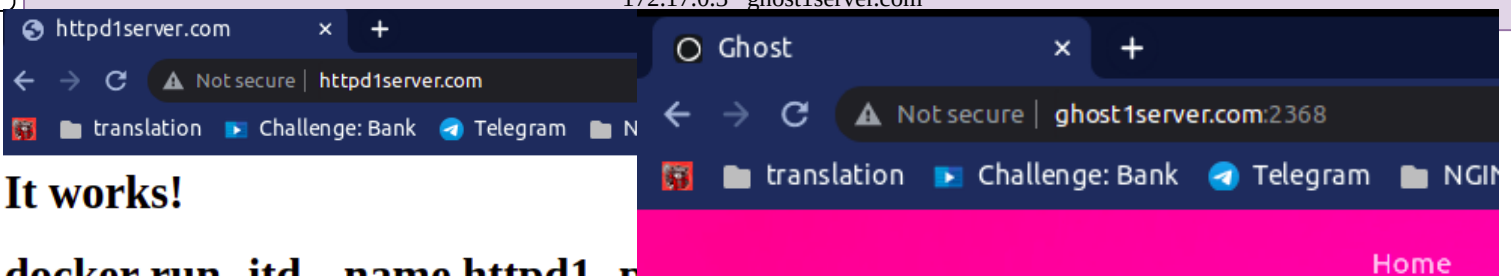command 'docker inspect ghost1'   > gives you ipaddress: 172.17.0.3

4.
if i enter to httpd1 form browser there are two methods
1.   ip_container:80   ==> 172.17.0.3:2368
2. 0.0.0.0:3002 or localhost:3002 or 192.168.1.9:3002 such that 192.168.1.9 = localdevice ip

← → C ⚠ Not secure | 172.17.0.3:2368
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⟳ Ghost   ×   +
← → ✕ ⚠ Not secure | 192.168.1.9:3002
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○ Ghost   ×   +
← → C ⓘ localhost:3002
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4.
from terminal writte the following command 'sudo nano /etc/hosts'
then addd host name for each ip
172.17.0.2   httpd1server.com
172.17.0.3   ghost1server.com

🌐 httpd1server.com   ×   +
← → C ⚠ Not secure | httpd1server.com
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It works!

docker run -itd --name httpd1 -r

○ Ghost   ×   +
← → C ⚠ Not secure | ghost1server.com:2368
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